



Human Resources

Revised Date: October 5, 2010

REQ. # 10-021

**NOTICE OF JOB OPENING
ST. LUCIE COUNTY BOARD OF COUNTY COMMISSIONERS
EQUAL OPPORTUNITY EMPLOYER**

2300 Virginia Avenue Fort Pierce, Fl. 34982 – 5652

Telephone (772) 462-1546 Jobline (772) 462-1967

<http://co.st-lucie.fl.us>

This position must be posted for at least five (5) working days from **06/09/2010 TO 06/16/2010**
but will remain open until filled

DEPARTMENT/DIVISION
CENTRAL SERVICES

POSITION AVAILABLE
ENERGY AND WATER MANAGER

OF OPENINGS
1

PAY RANGE
\$50,885.85 - \$81,117.26
COMMENTS
DRIVING POSITION
It is the policy of St. Lucie County to give preference to eligible veterans and spouses of veterans in appointment and retention in county employment positions in accordance with Chapter 295, Florida Statutes, and Chapter 22VP-1, Florida Administrative Code. Copies of Chapter 295 and Chapter 22VP-1 are available for review in the Human Resources Department.

Energy and Water Manager

JOB CODE: 674

PAY GRADE: 24

SALARY: \$50,885.85 - \$81,117.26

MAJOR FUNCTION: Develop, implement and manage energy and water conservation plan for County facilities.

ESSENTIAL JOB FUNCTIONS:

- Develop, evaluate, track and maintain records related to energy and water systems and consumption in County buildings, including facility energy audits.
- Evaluate and/or make recommendations on technology and approaches to improve energy efficiency and conservation and/or produce clean energy for County facilities.
- Develop energy and water savings plans, evaluations and other written documentation to project and verify cost effectiveness of recommended facility improvement measures including accurate descriptions, savings potential, cost estimates and back up data.
- Evaluate and make recommendations on funding approaches for energy and water conservation proposals including performance management contracts, shared savings contracts, power partnership agreements and similar proposals.
- Oversee energy and water projects and retrofits in County buildings. Make recommendations for including green technologies to improve energy and water efficiency in the design of new County buildings and/or major renovations.
- Oversee contracts, including but not limited to performance contracts, energy services contract, construction contracts and funding agreements.
- Responsible for presentations to Board of County Commissioners, staff and the general public regarding County's energy and water conservation plan, use of green technologies and related topics.
- Develop and implement programs to educate, promote and motivate staff to take an active role in energy and water use reduction.

KNOWLEDGE, ABILITIES, AND SKILLS NEEDED IN ORDER TO PERFORM THE ESSENTIAL JOB FUNCTIONS:

- Knowledge of green building technologies.
- Knowledge of various forms of performance contracting approaches.
- Skills necessary to perform and/or oversee energy and water use audits, analyze energy and water utilization and implement energy and water conservation plan accordingly.
- Ability to evaluate efficacy and feasibility of green technologies including but not limited to energy management systems, HVAC, lighting, solar and alternative energy technologies and water conservation.
- Ability to manage and oversee energy and water conservation projects for new and existing construction.
- Excellent communication skills, both verbal and written, including preparing and making presentations.

EDUCATION:

- Bachelor of Science in mechanical or electrical engineering or related field. Professional Engineer certification preferred. Certification in LEED, CEM or Green Buildings preferred.

EXPERIENCE:

- Minimum three (3) years of experience in energy management or closely related field.

LICENSE, CERTIFICATION OR REGISTRATION

- Professional Engineer (PE) license highly desired.
- Certified Energy Manager (CEM) and LEED certification a plus.

- Florida Driving license with good driving record.

ESSENTIAL PHYSICAL SKILLS:

- Ability to lift 30 pounds.
- Use of hands and fingers with dexterity.
- Very frequent use of good near and distance vision and hearing with or without correction.
- Frequent walking, squatting and standing.

ENVIRONMENTAL CONDITION REQUIREMENTS:

- Work inside and outside office.
- Potential to work in hot, dusty conditions and dangerous work around moving machinery.

WORK HAZARDS:

- Use of computer equipment, which may have an effect on vision.
- Subjected to outside elements such as high/low temperatures, wind and sun and indoor areas with electrical, dust, and other potential hazards. Potential to work in areas with volatile solutions.

SAFETY EQUIPMENT USED OR NEEDED:

- Eye and ear protection.
- Protective clothing.

Union	Non-Union X	Exempt X	Non-Exempt
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Revised 10/2010